

# Antonio Rubino

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## Work Experience

### 2025 Collaborations with Companies.

Delivered end-to-end WhatsApp platforms for client process management, covering architecture design, backend development, data modeling, schema migrations, AI integration, and operational workflow definition. Collaborated directly with company teams to identify specific problems, understand internal organization and decision flows, and adapt bot logic to each structure. Implemented modules for conversations, bookings, and request-status tracking with automated tests and controlled release processes. The result was a robust, scalable solution that improved response times, reduced manual activities, and supported business growth.

## Projects

### 2026 Portfolio Website Development.

Designed and built a personal portfolio website to present projects, skills, and professional profile.

Live website: antoniorubino.me.


### 2025 Full-Stack Developer | AI Bot (Company Collaborations).

Delivered end-to-end WhatsApp automation platforms in collaboration with companies, from architecture design to production rollout. Worked with internal stakeholders to understand organizational structure, team workflows, and specific operational pain points, then adapted the bot behavior and system flows to each business context. Built a service-oriented Python/ Flask backend, Next.js/React/TypeScript frontend, real-time APIs/webhooks, AI integrations, and a relational data layer with Alembic migrations. Ensured release quality through automated testing and modular, scalable architecture.

### 2021 – Current University Projects.

Selected projects developed during B.Sc. and M.Sc. studies, including software engineering, algorithms, and AI-related work. Some projects are available on GitHub.

## Education

2025 – Present  **Sapienza University of Rome - M.Sc. in Computer Science and AI Engineering.**  
Currently enrolled. Expected graduation: 2027.

2021 – 2024  **University of Parma - B.Sc. in Computer Science.**

Graduated in 2024.

Thesis: *Integration and optimization of a cognitive rehabilitation system with the NAO robot and AI for emotion recognition.*

2016 – 2021  **Liceo Scientifico Internazionale "Gaetano Rummo", Benevento.**

Scientific High School Diploma. International curriculum with a strong focus on English language development.

## Skills

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Languages	📖 Italian (Native); English (B2, Cambridge Certified).
Programming	📖 Python, Java, C++, C, SQL.
Frameworks and Web	📖 Flask, React, Next.js, Node.js, .NET.
Databases and Tools	📖 Relational databases, Alembic migrations, Git, REST APIs, Webhooks, automated testing.
Certifications	📖 EIPASS; Cambridge English B2.
Soft Skills	📖 Communication, teamwork, adaptability, professionalism, confidentiality.

## Profile and Interests

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### Career Objective

- 📖 To contribute in an internship or junior software engineering role, building reliable AI-enabled products and delivering measurable impact for real business processes.

### Profile

- 📖 Curious and growth-oriented Computer Science and AI student with hands-on full-stack development experience. Strong collaboration mindset, clear communication with technical and non-technical stakeholders, and a professional approach based on reliability, discretion, and continuous learning.

### Interests

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|--------|---|
| Travel | 📖 One of my main personal interests. A recent interrail trip across several European capitals strengthened my ability to adapt and connect with different cultures and social contexts. |
| Music  | 📖 Passionate about music and guitar, played since the age of 16. This activity helped me develop perseverance, discipline, and consistency.   |